

This notebook helps LCA practitioners integrate AI with brightway

- Create AI-based database matching and integrate in your LCA workflow! Like a lite ecoagent.tech.
- We use vector database for semantic search and add LLM's with tool calling
- We create a dummy LCA model using matching
- Possible to run entirely locally

Where is the tool seated? ☐ Data (new/improved inventory data) ☐ Model (new computational framework or coupling) ☒ AI usage (LLM / ML / agent in the workflow) ☐ Linking systems (engineering ↔ LCA, ESM ↔ LCA, etc.) ☐ Infrastructure / tooling (deployment, packaging, APIs) Where is it located in the Brightway/LCA ecosystem, if at all: <i>brightway2, ecoinvent</i>	Development level: ☐ Early concept / prototype (not yet usable by others) ☒ Beta (usable with guidance, bugs expected) ☐ Stable release (documented, versioned, community-ready) Where you can help me. <i>Would you need /integrate this with your workflow?</i>
Technical / practical details: Code in Jupyter notebook, open source.	
License + access status: <i>open-source (MIT)</i>	Link and QR code Github  Reach out to me at: hemant@ecoagent.tech or https://www.linkedin.com/in/hemant-sharma/